

RUMANIA

MINAESCU-NIGRIM, Maria, BENES, S., Lieutenant-Colonel, Medical Corps;
ANDREUTA, Irina; DOBRESCU, V.; and CIOBANESCU, Mariana

"Experimental Infections in Rats Receiving Injections of Vitamin K3 and
Exposed to X-Irradiation"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 490-491

Abstract: In rats administered 100 mg/Kg of vitamin K3, irradiated with
250 r, and inoculated with *Salmonella typhi*. Mortality seemed about the
same in all groups, i.e., vitamin K3 did not increase either susceptibil-
ity to mortality from radiation or to virulence of the *Salmonella*.

ACCESSION NR: AP4016844

R/0003/64/015/001/0012/0017

AUTHOR: Merjanov, N.; Ababi, V.; Ciobanica, C.

TITLE: On the preparation of carbon black in reactors with tangential flame and precombustion.

SOURCE: Revista de chimie, V. 15, No. 1, 1964, pp 12-17

TOPIC TAGS: Carbon black, tangential flame, precombustion, heavy petroleum fraction, synthetic rubber, tire, abrasion resistance, furnace, natural gas, methane

ABSTRACT: New synthetic rubbers for an increasing number of technical applications (and especially tires) have requested new kinds of carbon black, compatible with the new elastomers and impairing best characteristics to vulcanized compositions. The carbon black obtained from natural gas presents a number of advantages but the quality is not very adequate for tire mixtures which need to have high stress and abrasion resistance. Carbon black with superior characteristics are obtained from heavy liquid petroleum fractions in furnaces with tangential flame, with or without precombustion. The best raw material are the fractions with high aromatic hydrocarbon content (minimum 70%). Superior abrasive resistance is obtained with carbon black from this procedure. Some new sorts of material is also obtained such as the high

Card 1/2

ACCESSION NR: AP4016844

structure carbon black, developed only since 1962, which is used in mixtures with the stereospecific rubber 1,4-cis-polybutadiene. The present paper describes the work on a semi-industrial installation for the preparation of different kinds of carbon black from petroleum raw material available in Rumania, by the "tangential flame reactor with precombustion" procedure. A new design has been adopted for the furnace, considered an improvement over the ones reported in the literature. The cylindrical furnaces have interior lining made of refractory and thermoinsulating brick. Liquid raw material is introduced through an axial burner together with a slight excess of air. A number of tangentially oriented burners supply the fuel (methane gas) with a supplemental amount of air. The following parameters have been changed: the ratio raw material: air, temperature, the flow of liquid raw material, flow of methane, ratio of air introduced through the axial and tangential burners. The qualities obtained replace successfully the "contact" type obtained from natural gas, are obtained more economically with lower specific consumption and smaller investments. Tires made with the carbon black obtained by this procedure have a 20-30% longer road-life.

ASSOCIATION: none

SUBMITTED: 16Apr64

DATE ACQ: 12Mar64

ENCL: 00

SUB CODE: CH

NO REF SOV: 006

OTHER: 014

Card 2/2

CIOBANICA, Cornelia, ing.; GRINBERG, Rasela, ing.; PASTIA, Eugenia, ing.

Action of activators in compounds filled with Harghita kaolin.
Industria usoara 10 no.7:296-300 JI '63.

CIOBANICA, Cornelia, ing; GRIMBERG, Rasela, ing.; PASTIA, Eugenia, ing.

Activity of Harghita kaolin as compared to foreign kaolins
in rubber compounds. Industria uscara 10 no.6:237-240
My '63.

CIOBANU, A., ing.

Manufacturing technology of laminated molded boards used in furniture construction. Ind lemnului 15 no.2:49-53 r '64.

CIOBANU, A., ing.

Reports from the meeting of the Wood Industrialization Combine in
Blaj on its production during the last four years. Ind ~~len~~lui 15
no.11:448-449 N '64.

CIOBANU, A., ing.

From the experience of the Wood Industrialization Complex,
Blaj, in making new products. Ind lemnului 16 no.1:20-25
Ja '65.

1. Wood Industrialization Complex, Blaj.

CIOBANU, ANATOLIE

Rumania/Chemical Technology - Chemical Products and Their Application. Fermentation Industry, 1-27

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63577

Author: Potec, Ioan; Gologan, Emil; Ciobanu, Anatolie

Institution: None

Title: Quality of Wines of Buchum-Yassy Sovkhoz of 1953 Vintage

Original

Periodical: Calitatea vinurilor din podgoria Baciun-Iasi recolta anului 1953. Gradina, via si livada, 1955, 4, No 7, 47-53; Rumanian

Abstract: Investigated were 12 samples of wine from grapes of the 1953 crop. The grapes were gathered late in November when a portion of them were frozen, and the wines were analyzed (after storage in cellars) between 15 January and 15 March 1955. Results of analyses (listing range): Sp. Gr. 0.9900-0.9964; dry residue 15.41-29.82 g/l; unfermented sugar 1.13-15.84 g/l; determined alcohol 12.9-14.4%; total alcohol 13.0-15.1%; total acidity 2.83-4.08 g/l H₂SO₄; volatile acidity 0.18-0.85 g/l H₂SO₄; pH 4.10-5.10. Best indexes were those of fetyaska albe and rose French muscatel.

Card 1/1

CIOBANU, Aurel

RUMANIA/Chemical Technology - Chemical Products and Their
Application. Food Industry

I-28

Abs Jour : Referat Zhur - Khimiya, No 4, 1957, 13878

Author : Ciobanu Aurel, Crisan Lidia

Title : Freezing of Fruit and Vegetables

Orig Pub : Congelarea fructelor si legumelor. Rev. ind. aliment.
prod. vegetale, 1956, No 5, 1-5

Abstract : No abstract .

Card 1/1

- 402 -

RUMANIA / Chemical Technology. Chemical Products
and Their Applications. Food Industry.

H-28

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 10075.

Author : Ciobanu, A., Crisan, L.

Inst : ~~Not given~~

Title : Rapid Refrigeration of Animal Beef.

Orig Pub: Lucrarile Inst. cercetari aliment., 1958, 2,
235-247.

Abstract: The method of rapid refrigeration of beef under laboratory and semi-industrial conditions was studied: the duration of refrigeration, losses in weight, temperature alterations in and on the beef surface, the number of microorganisms on the surface, the ammonia nitrogen, and organoleptic properties. It was established that rapidly refrigerated beef is of better quality by all stan-

Card 1/2

RUMANIA / Chemical Technology. Chemical Products and H-28
Their Applications. Food Industry.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 10075.

Abstract: dards compared to beef refrigerated by the usual
method. Increasing speed of air blasts from 0.36
to 2.2 m/sec. decreases weight losses. Beef treat-
ed by cold jets has a lower count of microorganisms
on the surface. The duration of refrigeration of
the forequarters is 15% less than that of the hind
quarters. -- Author's abstract.

Card 2/2

079

COUNTRY : Rumania E-28
CATEGORY :
ABS. JOUR. : RZKhim., No. 5 1960, No. 19968
AUTHOR : Ciobanu, A., Cristea, S., and Ionescu-Sisesti, R.
INST. : Not given
TITLE : The Freezing of Eggs
ORIG. PUB. : Rev Ind Aliment Prod Animale, No 3, 8-15 (1958)
ABSTRACT : The effect of the addition of NaCl and Na-citrate (I), freezing temperature, and storage temperature on the quality of the egg mixture [sic] (EM) has been investigated. It has been established that the viscosity of EM stored for 3 months at -6° increased from 2 to 6° Engler for EM to which NaCl has been added, to 2.7° for EM containing I, and to 9.6° in the control batch; the acidity changed from 9° Turner to 11.2, 7.5, and 9.3°, respectively; the NH₃ content changed from 0.004 to
CARD: 1/2 382

CIOBANU, A.

Some aspects of the problem of weight losses in meat during the preservation through freezing. I. (To be contd.) p. 4.

REVISTA INDUSTRIEI ALIMENTARE. PRODUSE ANIMALE. (Ministerul Industriei Bunurilor de Consum) Bucuresti, Rumania. Vol. 6, no. 12, 1958.

Monthly list of East European Accessions (EEAI) LC, ^{ex 8.} no. 8, Aug. 1959.

Uncl.

COUNTRY : ROMANIA
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Food Industry.
ABS. JOUR. : RZhKhim., No 17, 1959, No. 62567
AUTHOR : Ciobanu, A.
INSTITUTE :
TITLE : Conservation of Juices by Freezing
ORIG. PUB. : Rev. ind. aliment. prod. vegetale, 1958, No 11, 22-25
ABSTRACT : Nutritive and curative values of berry juices are reviewed. Presented are requirements for raw materials from which juices are made, technology of juice extraction and juice freezing. Perspectives of further development of the production of juices in the RDR are discussed.

Card: 1/1

H - 122

CIOBANU, A., ing.; BERCESCU, V., ing.; CRISTEA, Silvia, chim.

Research on the industrial production of ice cream in Rumania.
Ind alim anim 11 no.1:11-15 Ja'63.

1. Institutul de cercetari alimentare.

CIOBANU, Alex.; PENTIUC, D., ing.; OPRISIU, C., ing.

The perfecting technology. Constr Buc 15 no.700:1 8 Je '63.

1. Responsabil cu inovatiile la I.S.C.M., Suceava (for Pentiu).

CIOBANU, Alexe, correspondent

Better quality. Constr Buc 15 no.697:2 18 My '63.

CIOBANU, Alexandru, correspondent

In short, from the Enterprise for Prefabricated Construction Parts,
Brasov. Constr Buc 15 no.721:2 N '63.

GIOBANU, Ana (Bucuresti); KREINDLER, Gertrude, profescara (Bucuresti)

Zoological excursions relating to the teaching of zoology in the 4th grade. Natura Biologie 14 no.3:67-72 My-Je '62.

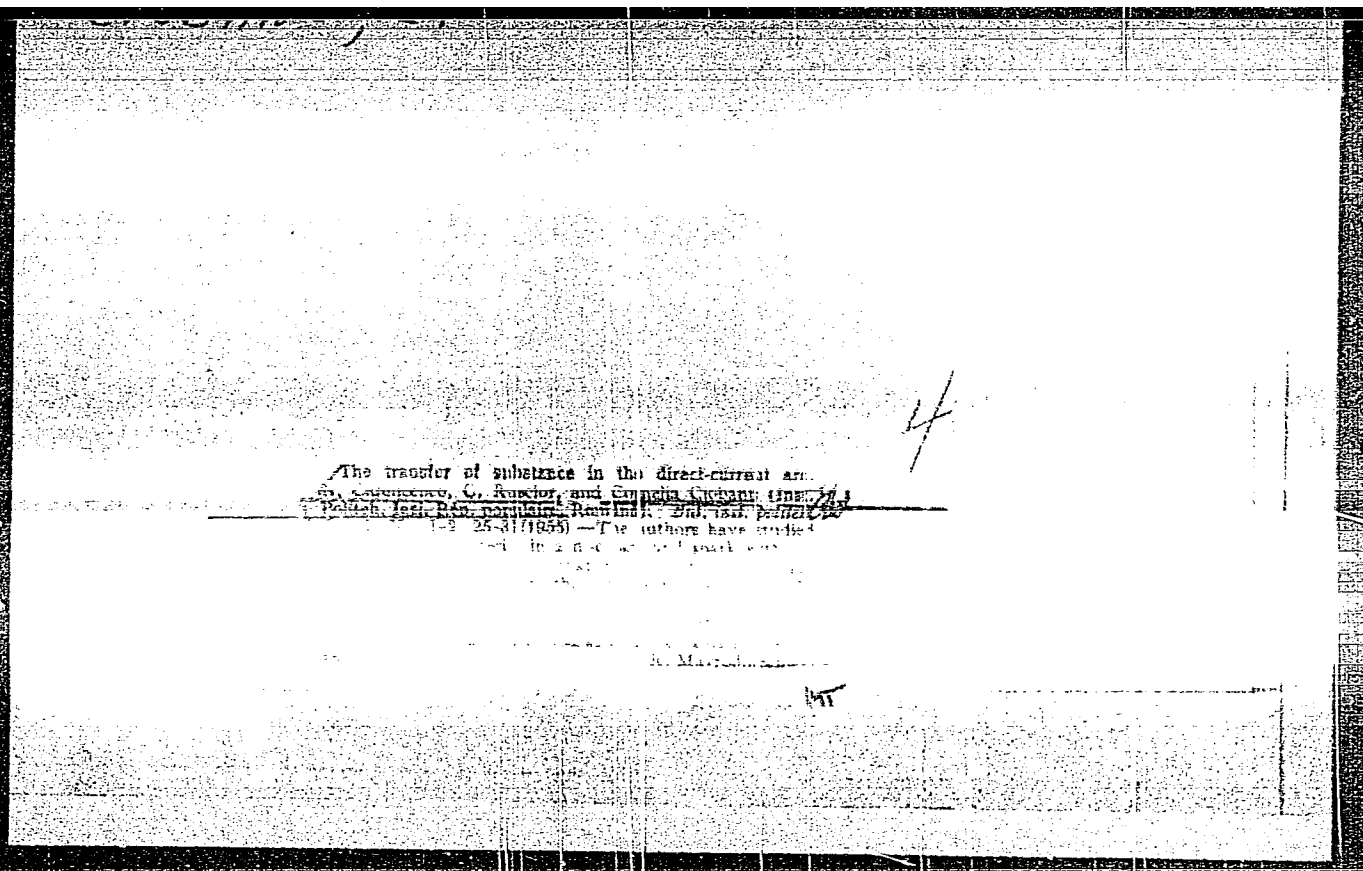
1. Sef de lucrari.

CIOBANU, C.

"Plant cultivation; science taught us, practice demonstrated it."

p. 14 (Drumul Belsugului) No. 9, Sept. 1957
Bucharest, Rumania

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 4,
April 1958



Distr: 4E2c

13
✓ Electroerosion of several metals. N. Calinicenco, C. Rusciac, and Cornelia Ciobanu. Bul. inst. fiz. (N.S.), 3, 55-60 (1957); et. C.A. 51, 1187-104. The erosion of 2 electrodes of Fe, Ni, Cu, Al, and Mg, caused by a spark discharge in air and in paraffin oil, was studied as a function of c.d. and of the capacity of a condenser mounted in parallel with the electrodes. The cathodic and anodic erosion per unit elec. energy decreased with increasing c.d. and was larger in oil than in air. The erosion increased with shunting capacity and was also larger in oil than in air; however, the rate of increase in oil became small at higher capacities. The total erosion per spark increased linearly with current for almost all the metals investigated; in air it was more pronounced for the more oxidizable metals, while the reverse was true in oil. An increase in the shunting capacity raised the total erosion per spark both in air and in oil. This increase was linear in most of the cases studied, and most pronounced in oil for the less oxidizable metals. The observed phenomena could not be readily interpreted, but are believed to be due to thermal processes.

S. A. Stern

5
1- mpe/mm
1

10/2

2.1
1/1

EXCERPTA MEDICA Sec.9 Vol.12/5 Surgery May 1958
CIOBANU, C.

2782. CONSIDERATIONS ON ENDOTHORACIC MALIGNANT TUMOURS IN CHILDREN AND ADOLESCENTS - Considérations sur les tumeurs malignes endo-thoraciques chez l'enfant et l'adolescent - Buzescu M., Ciobanu C., Reininger H. and Sibila S. Inst. de Phtisiol., Bucarest - POU MON ET COEUR 1956, 12/8 (755-764) Illus. 12

Thirteen cases of malignant pulmonary tumours in children and adolescents are reported. Stress is laid on the difficulty of an early diagnosis, due not only to the clinical latency of these tumours but also to their non-recognition in children and adolescents. This explains the frequent inoperability of these tumours. In the discussion of these cases emphasis is laid upon the radiological anarchic character which endothoracic cancers sometimes take on in children and adolescents.

Gernez-Rieux - Lille (XV, 7, 9, 16)

RUMANIA / Human and Animal Morphology. Anatomical and S-1
Respiratory System.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64715.

Author : Carpinisan, C., Stefanescu-Mindru, C., Ciobanu, C.

Inst : Not given.

Title : In Regard to One Case of Agenesis of the Left
Lung.

Orig Pub: Friziologia, 1957, 6, No 6, 554 - 558.

Abstract: A case of agenesis of a lung in man is described
with aplasia of the left bronchial tree, which
was arrested in its growth in intra-uterine
life, and which represented a rudimentary bron-
chus with a closed distal terminus. Of the left
lung there remained only a thin membrane without
any parenchymal structure.

Card 1/1

GOLOGAN, I.; GIOBANU, C.; RUDNISKU, M.

The bronchial stump syndrome after pulmonary excision. Romanian
M. Rev. 3 no.4:60-61 O-D '59.

1. Thoracic Surgery Department, "Filaret" Sanatorium, Bucharest.
(PNEUMONECTOMY, complications)
(BRONCHI, diseases)

ANGELESCU, V.; TIRNOVEANU, G.; TRIFAN, G.; CIOBANU, C.; VOICU, A.

Contributions to the study of staphylococcal gastro-enteritis
in children. Romanian M. Rev. 4 no.1:58-60 Ja-Mr '60.

1. Hospital for Children in Galati (Director: Dr. Virgil
Anghelescu).

(GASTROENTERITIS in infancy & childhood)

(STAPHYLOCOCCAL INFECTIONS in infancy & childhood)

SIMIONESCU, N.; ABUREL, V.; CIOBANU, M.; CURELIARU, I.; MARIN, I.

Arterial segments of the spleen in man, anatomical basis of controlled partial splenectomy. Rumanian M. Rev. 3 no.4:6-9 0-D '59.

1. Department of Pathological Anatomy of the "Gh. Marinescu" Hospital, Bucharest.

(SPLEEN, surgery)

(SPLENIC ARTERY, anat. & histology)

BIRZU, I., conf. dr.; CIOBANU, C., dr.; NECULA, V., dr.; MATEESCU, V., dr.;
TUDOSIU, I., dr.; in colaborare cu docent STOICA, I., dr.

Possibilities of radiological diagnosis in spondylosis. Med. intern.
14 no.7:827-836 J1 '62.

1. Lucrare efectuata in Clinica de radiologie I.M.F. din Spitalul
"Prof. Dr. I. Catacuzino" (seful clinicii: conf. dr. I. Birzu) in
colaborare cu Central metodologic de reumatism (director: docent
dr. I. Stoia).

(SPINAL DISEASES) (OSTEOPOROSIS) (KYPHOSIS) (SCOLIOSIS)

CIOBANU, Ch.; TOMA, E.

Contributions to the theory of light scattering by systems of particles.
Studii cer.fiz. 10 no.4:825-836 '59. (EEAI 9:5)
(Light) (Particles)

MITITELU, C., ing.; HARABAGIU, M., ing.; CIOBANU, D., ing.

Research on the improvement of caustification efficiency in the
discontinuous installation of the Reconstructia Cellulose and
Paper Plant. Cel hirtie 11 no. 6: 224-232. Ia'62

MITITELU, C., ing.; CIOBANU, D., ing.

Determination of the equations of statistical correlation between the Schopper-Dalen and Mullen bursting resistance of paper. Cel hirtie 13 no. 2:49-55 F '64.

RUMANIA / Chemical Technology. Cellulose and Its Derivatives. Paper. H-33

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79904.

Author : Ciobanu, E.

Inst : An. Inst.

Title : The Efficiency of Mineral Salts, Present in Insulating Paper, Upon the Dielectric Properties of the Latter.

Orig Pub: An. Inst. cercetari si experim. ind. lemn. si hirt., 1953, No 13, 241-256.

Abstract: An insulating paper was immersed into solutions of the following salts: sodium carbonate, potassium carbonate, calcium chloride, magnesium sulfate, ferric chloride, ferrous sulfate, aluminum sulfate, cupric sulfate, lead acetate, of various concentration. Based on the degree of

Card 1/2

RUMANIA / Chemical Technology. Cellulose and Its H-33
Derivatives. Paper.

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79904.

Abstract: effect upon the dielectric properties of the insulating paper, the salts might be placed in the following descending order: salts of alkaline metals, salts of the iron group, other metals.

Card 2/2

110

SEGAL, A.; CIOBANU, E.

Memorizing device on the magnetic cylinder of the
CIFA-101 computer machine. Probleme automatiz 183-190
5 N '62.

CIOBANU, E., ing.

A property of the monostable trigger circuit. Automatica
electronica 8 no. 1: 22-25 Ja-F '64.

CIOBANU, E.

Entrance-exit system of the CIFA-101 computer machine.
Probleme automatiz 169-182 5 N '62.

CIOBANU, E.

On logic circuits with diodes. Studii cerc fiz 14 no.4:367-391
'63.

1. Institutul de fizica atomica Bucuresti.

CIOBANU, Eleonora (Constanta)

Let's construct physical models and apparatus with local means.
Gaz mat B 14 no.8:462-465 Ag '63.

CIOBANU, E., ing.; RUDESCU, L., dr.; NICULESCU, C., ing.; CHIVU, I.P.,
ing.

Achievements in the problem of mechanized operation of reed during
the last ten years in the Danube Delta. Cel hirtie 13 no.8:
268-278 Ag '64.

1. Corresponding Member of the Rumanian Academy (for Rudescu).

POPESCU, Valerian, prof.; GRINOLEA, Lia, dr.; CIOBANU, Eugenia, dr.

Enzyme therapy in various diseases of the mouth, jaw, and face. Stomatologia (Bucur) 12 no.1:31-39 Ja-P'65.

1. Lucrare efectuata in Clinica de chirurgie buco-maxilo-faciala, Institutul medico-farmaceutic, Bucuresti (Seful clinicii: prof. Valerian Popescu).

ZAMFIRESCU.GHEORGHIU, Marcela; CIOBANU, Florina

Some enzymatic aspects of the syndrome of hepatic cytolysis. Stud.
cercet. med. intern. 2 no.6:763-771 '61.
(LIVER DISEASES metabolism) (ENZYMES metabolism)

LUPU, N.Ch., academician; POPESCU, I.Gr.; ZAMFIRESCU-GHEORGHIU, Marcela;
VELICAN, Doina; CIOBANU, Florina

Therapeutic investigations in experimental toxic chronic hepatitis.

Stud. cercet. med. intern. 2 no.6:837-842 '61.

(HEPATITIS experimental) (CYTOCHROMES pharmacology)
(VITAMIN B 12 pharmacology) (PREDNISOLONE pharmacology)

ZAMFIRESCU-GHEORGHIU, Marcela; POPESCU, Iuliu; DOBREANU-ENESCU, Viorica;
TEODORINI, Sanda; CIOBANU, Florina

Experimental investigations of myocardial activity after administration
of substances blocking the energetic enzymes. Stud. cercet. med. intern.
3 no.4:525-547 '62.

(ENERGY METABOLISM)

(MYOCARDIUM)

(ANTIMETABOLITES)

ZAMFIRESCU-GHEORGHIU, Marcela; PETRESCU, M.; GROZEA, P.; GOCIU, Mariana;
SIGHETEA, Elena; CIOBANU, Florina

Contribution to the study of serum pyruvic acid in some malignant
blood diseases. Stud. cercet. med. intern. 3 no.6:749-753 '62.

(PYRUVATES) (LEUKEMIA) (HODGKIN'S DISEASE)
(MULTIPLE MYELOMA) (SARCOMA, RETICULUM CELL)
(LYMPHOSARCOMA) (MYXOSARCOMA)

POPESCU, Iuliu; ZAMFIRESCU-GHEORGHIU, Marcela; DOBREANU-ENESCU, Vicrica;
CIOBANU, Florina; HARNAGEA, P.

Contribution to the study of blood pyruvic acid in cardiac insufficiency.
Stud. cercet. med. intern. 4 no.2:187-188 '63.
(HEART FAILURE, CONGESTIVE) (PYRUVATES)
(BLOOD CHEMICAL ANALYSIS)

MARCUS, N.; PAUN, R.; GHEORGHIU, T.; CIOBANU, Florina

Investigations of the functional state of the exocrine pancreas
in post-viral chronic hepatitis. Stud cercet med intern 4 no.3:
317-325 '63.

(HEPATITIS) (GASTROENTEROLOGY) (PANCREATIC JUICE)
(AMYLASE) (LIPASE) (TRYPSIN)

GIOBANU, G.; GROITORU, N.; DEVENYI, A.:

Dependence of temperature upon the granulation of gold thin layers. p. 39

REVUE DE PHYSIQUE (Academia Republicii Populare Romine) Bucuresti *ROMANIA*
Vol. 4, no.1, 1959.

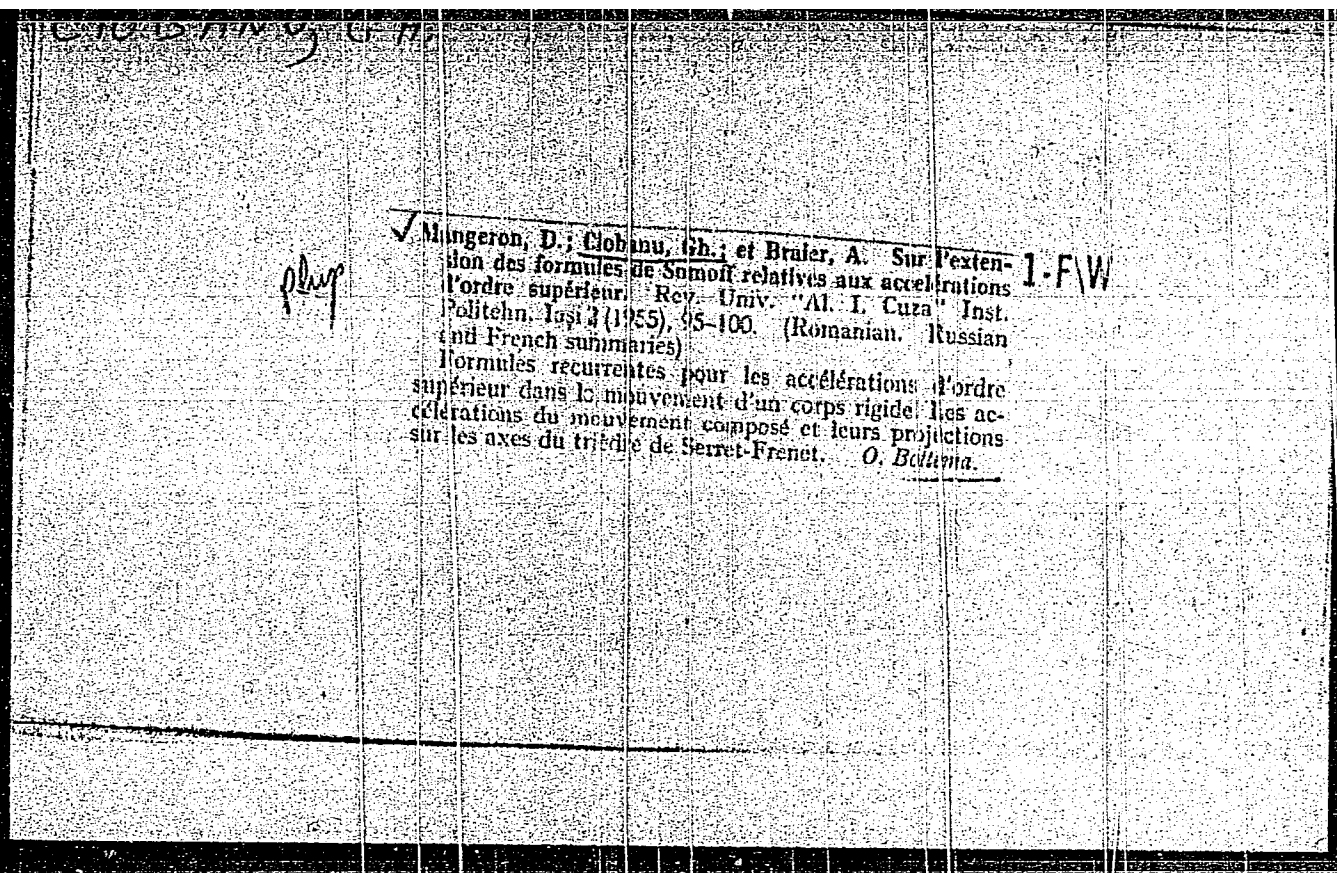
Monthly List of East European Accessions (EEAI) L C, Vol. 9, no. 2, 1960 ^{FGB}

UNCL.

CIOBANU, G.

6
/ The temperature dependence of the granulation phenomena in thin gold foils. ²/N. Cristescu, A. Delyenyi, and G. Ciobanu. *Acad. rep. populare Romine. Inst. Fiz. Mat. Inst. Fiz. Stias carolale fiz.* 16, 70-87(1959); cf. Mostovetch, *C.A.* 47, 8440d. --A study on temp. dependence of elec. resistance, $R(T)$, of thin Au foils is described. Thin Au foils of 25-180 Å. show granulation when heated. Foils below 25 Å. granulate at room temp. and are not stable. In the course of heating reversible (decrease of resistivity with rise of temp.) and irreversible (increase of resistivity with rise of temp.) phenomena take place. The point of min., T_m , of the curve $R(T)$, corresponds to the temp. when granulation preponderates, as all other factors causing irreversible changes are minimized. T_m varies with the foil thickness, the resulting curve having a slope of approx. 2°K./Å. between 25 and 40 Å.; approx. 0.6°K./Å. between 40 and 80 Å.; and approx. 0.08°K./Å. between 80 and 180 Å. A further phenomenon observed is the increase of elec. resistance with time until a stable value is reached. This evolution of the samples depends on deposition conditions. The thickness of the foils is detd. through optical transmission at wave lengths 4920 and 5480 Å. Structural changes are observed with an electron microscope.

M. Lapidot



plage
Mangeron, D.; (Iobanu, Gh.; et Braier, Alfred. Sur la distribution des accélérations d'ordre quelconque dans la cinématique des systèmes matériels. *Rev. Inst. Politehn. Iasi* (N.S.) 2 (1956), 29-37. (Romanian, Russian and French summaries)

Quelques théorèmes sur l'accélération généralisée dans la cinématique plane dont nous citons: le lieu géométrique des points pour lesquels les accélérations d'ordre n passent par un point donné P est une circonférence de

centre C_n ; si P décrit une courbe fermée K , le lieu des centres C_n correspondants à P est une courbe K' semblable à K . Extensions à la cinématique affine et à la cinématique de l'espace.
O. Bottema (Delit).

1-FW

CROITORU, N.; CIOBANU, Gh.

The Hall constant and the dependence of the magnetic field on the conductivity of the metallic films with mixed conduction. Studii cerc fiz 11 no.1:139-148 '60. (EEAI 10:1)

(Hall effect) (Metallic films)

(Magnetic fields) (Electric conductivity)

CIOBANU, Gh.; CROITORU, N.

Electric conductivity of the films of semiconductors. Studii cerc
fiz 11 no.2:315-322 '60. (EEAI 10:1)
(Electric conductivity) (Semiconductors)
(Metals)

GLODEANU, Al.; CIOBANU, Gh.

Computing the space charge and the potential distribution in
semiconducting wires. Studii cerc fiz 11 no.4:943-949 '60.
(EEAI 10:8)

1. Institutul de fizica, Bucuresti.

~~Electric wire~~ (Semiconductors) (Potential, Theory of)
(Harmonic functions)

ACCESSION NR: AP4039635

R/0002/64/000/005/0029/0029

AUTHOR: Stefan, Ion (Engineer); Ciobanu, Gh. (Engineer)

TITLE: Marine jet propulsion

SOURCE: Stiinta si tehnica, no. 5, 1964, 29

TOPIC TAGS: marine propulsion, jet propulsion, piston propulsion, passenger boats, river craft, water jet, gas jet, mobile rudder

ABSTRACT: Replacement of the propeller on boats is a major concern of shipbuilders. A future solution is the jet propulsion marine motor. The principle is the same as that used on planes and rockets; water is drawn in through the motor and ejected in a direction opposite to that of the vessel. The most widespread method at present is continuous action jet propulsion, in which the jet is created by means of a centrifugal pump mounted in a tube; sometimes a two-step piston pump is used, with a deflector to control speed and direction. Under development is a direct action motor in which the jet is formed by means of compressed air or exhaust gases; it has the great advantage of having no moving parts. Its small size would allow it to be installed on shallow-draft river craft. By changing its direction, the jet

Card 1/2

ACCESSION NR: AP4039635

can be used as a mobile rudder to steer the craft. Work is now under way to develop a noiseless jet propulsion motor and one in which the pumps would be activated by nuclear power. Orig. art. has: 3 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 12Jun64

ENCL: 00

SUB CODE: PR. MD

NO REF SOV: 000

OTHER: 000

Card 2/2

CIUBANU, Gheorghe, ing.

New Soviet ships. St si Teh Bur 14 no.3:33-35 Mr '62

CIOBANU, Gh., ing.

Vessels with wings. St si. Teh Buc 14 no.10:12-14 0 '62.

CIOBANU, HENRIETTE

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine,
Vol XI, No 9, 1961, pp 1097-1103.

Data: "Studies of Some Factors Which Characterize the Beginning of
Fermentation of Masts Treated with Sulfurous Anhydride."

Authors:

TEODORESCU, St.
SEPTILICI, Georgeta
CIOBANU, Henriette
GHERMAN, Maria

CIOBANU, HENRIETTE

GPO 981643

SURNAME, Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: -not given-

Source: Bucharest, Comunicarile Academiei Republicii Populare Romine,
Vol XI, No 10, 1961, pp 1265-1272.

Data: "Effective Means for the Complete Fermentation of Sulphite-
Containing Worts With High Sugar and Acid Contents."

Authors:

SEPTILICI, Georgeta

CIOBANU, Henriette

GHERMAN, Maria

ATANASIU, C.

POPA, Ecaterina

BASANAG, C.

CIOBANU, Ioana

Fruitful cooperation in protecting the health of workers.
Munca sindic 7 no.9:53-55 S '63.

1. Membru al biroului executiv al Consiliului regional al
sindicatelor Ploiesti.

BUTESCU, E. dr.; IORGULESCU, M., dr.; CALOTA, St., dr.; TATARU, N., dr.;
CIOBANU, I., dr.; CUMPANAS, M., dr.; CANGICVICI, M., dr.

Clinical aspects of poisoning with insecticides and fungicides
and our therapeutic experiences. Microbiologia (Bucur) 9 no.5:
453-456 S-O '64

1. Lucrare efectuata in Spitalul nr.3, Craiova.

RUMANIA

616.981.551:618.39

BUTTESCU, E., Dr, IORGULESCU, M., Dr, TATARU, N., Dr, CIOBANU, I.,
Dr, and CALOTA, Stefania, Dr. Work performed at the Hospital
No 3 (Spitalul Nr 3), Craiova.

"Clinical and Epidemiological Considerations in 45 Cases of
Uterine Tetanus."

Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol 11,
No 3, May-Jun 66, pp 269-272.

Abstract [Authors' English summary modified]: After a review of
the data in Rumanian and world literature regarding uterine
tetanus, the authors discuss 45 cases of the infection seen at
the Department for Infectious Diseases of the Craiova Hospital.
Attention is called to the great diversity of forms which may
occur and to the severity of the disease, which showed a death
rate of 84.6 percent. While timely serum therapy and curettage
gave the highest recovery rate of the treatments tried, the
authors stress that the only effective prophylaxis consists of
specific prophylactic measures coupled with a general rise of
educational and sanitary standards.

Includes 10 references, of which 2 Rumanian, 2 English-
language and 6 French-language. -- Manuscript submitted 1 October
1964.

1/1

TARNAVSCHI, I.T.; CIOBANU, I.R.; LAZARESCU, V.

Karyologic research on some grapevine species cultivated in Rumania. Comunicarile AR 13 no.11:963-967 N°63.

1. Comunicate prezentata de G.C.Georgescu, membru corespondent al Academiei R.P.R.

GEORGESCU, C.C.; DIHORN, Gh.; CIOBANU, I.R.

Taxonomic considerations on some Quercus species in the
herbarium of the Museum of Natural History in Budapest.
Studii cerc biol veget 15 no.4:433-452 '63.

1. Membru corespondent al Academiei R.P.R. (for Georgescu)

GEORGESCU, C.C.; CIOBANU, I.R.

Studies on the petiole anatomy of the Quercus species
belonging to the Lanuginosae and Sessiliflorae series in
Rumania. Studii cerc biol s. bot 16 no. 3:195-203 '64.

1. Laboratory of Systematics and Vegetable Morphology,
"Traian Savulescu" Institute of Biology. 2. Corresponding
Member of the Rumanian Academy (for Georgescu).

SANDA, V.; CIOBANU, I.R.; TUTUNARU, V.

Floristic studies on Istrita Hill. Studii cerc 'biol s. bot
16 no.6:477-495 '64.

1. Laboratory of Morphology and Vegetable Systematics,
"Traian Savulescu" Institute of Biology.

GEORGESCU, C.C.; CIOBANU, I.R.

Geographical and ecologic considerations on the *Quercus* species in the *Lanuginosae* Simk. and *Sessiliflorae* Locaj series in Rumania. *Studii cerc biol s. bot* 17 no.1:15-22 '64.

1. Laboratory of Morphology, Systematics, and Vegetable Cytology, "Traian Savulescu" Institute of Biology. 2. Corresponding Member of the Rumanian Academy (for Georgescu). Submitted October 13, 1964.

CIOBANU, I.

SURNAME, Given Names

Country: Rumania

Academic Degrees: [not given]

Affiliation: [not given]

Source: Timisoara, Timisoara Medicala, No 2, Jul-Dec 60, pp 51-54.

Data: " Considerations on the Evolution and Prognosis of Pseudo-malformative Cholestatic Icterus in Infants."

Co-authors:

CRISTEA, P.
BONTILA, M.

[degrees and affiliations not given]

GPO 981643

MUNTEANU, S.; LITARCZEK, G.; CRISTEA, I.; CIOBANU, M.

Peridural anaesthesia in general surgery. Rumanian med. rev.
7 no.3:74-82 Ja-Mar'64.

*

BERNTHAL, I.; ROMAN, Elisabeta; WAVERNIA, Ed.; CEAPRAZ, Natalia;
GRAINIC, Karin; GIOBANU-MAGIARI, Mariana

Poisoning with "rogor". Experimental study. Stud. cercet. fiziol.
10 no.1:65-74 '65.

ABRUDAN, V., ing.; CIOBANU, M., ing.; PETRESCU, Gh., ing.; VILVOI, V.; IONESCU, C., ing.; KESTENBAUM, S.; FORRAI, St., ing.; FUCIU, Martian; NILA, Vasile, ing.; AROMINESEI, Alexandru; MORARU, Nicolae, ing.; BOGHICI, A.; SIMIONESCU, M.

Reduction of specific consumptions of metal. Probleme econ 17 no.12:137-141 D '64.

1. Technical Director, Arad Plant of Railroad Cars (for Abrudan). 2. Chief Technologist, Arad Plant of Railroad Cars (for Ciobanu). 3. Technical Director, "1 Mai" Plant, Ploiesti (for Petrescu). 4. Chief Planning Engineer, "1 Mai" Plant, Ploiesti (for Vilvoi). 5. Director, "Infratirea" Machine Tool Plant, Oradea (for Ionescu). 6. Assistant Chief Engineer, "Infratirea" Machine Tool Plant, Oradea (for Kestenbaum). 7. Chief Technologist, "Infratirea" Machine Tool Plant, Oradea (for Forrai). 8. Director, Arad Plant of Lathes (for Fuciu). 9. Chief Technologist, Arad Plant of Lathes (for Nila). 10. Chief Engineer, Arad Plant of Lathes (for Arominesei). 11. Technical Director, "Independenta" Plant, Sibiu (for Moraru). 12. Director, Sinaia Mechanical Plant (for Boghici). 13. Chief Engineer, Sinaia Mechanical Plant (for Simionescu).

PAPAHAGI, E., conf.; CIUREL, M., dr.; POPOVICI, Z., dr.; CIOBANU, M., dr.

On emergency portacaval anastomosis. Med. intern. (Bucur.) 16
no.10:1239-1244 O '64

1. Lucrare efectuata in Clinica a II-a de chirurgie, Spitalul
de adulti al Faionului "30 Decembrie" (directie prof. I. Turai,
membru corespondent al Academiei Republicii Populare Romine).

CIOBANU, St.

SURNAME, Given Names

Country: Rumania

Academic Degrees: [not given]

Affiliation: [not given]

Source: Timisoara, Timisoara Medicala, No 2, Jul-Dec 60, pp 45-49.

Data: " On the Importance of the Variants of the Extra-Hepatic
Biliary Routes for the Treatment and Surgery of the
Biliary Routes."

Co-author:

BACALOGLU, D. [degree and affiliation not given]

GPO 981643

CIOBANU, N.

TECHNOLOGY

Periodical: REVISTA INDUSTRIEI ALIMENTARE, PRODUSE ANIMALE. No. 1,
1958.

Possibilities of improving the quality of sterilized canned meat. p. 16.

CIOBANU, N.

Monthly List of East European Accession (EEAI), LC., Vol. 8, No. 3
March 1959, Unclass.

RUMANIA / Chemical Technology. Chemical Products and H-28
Their Applications. Food Industry.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 10082.

Author : Ciobanu, N.

Inst : Not given.

Title : Substituting Boiling of Meat Products in Water
by Steam Boiling.

Orig Pub: Lucrarile Inst. cercetari aliment., 1958, 2,
177-185.

Abstract: Advantages of steam boiling over water boiling
in meat products were studied. With steam boiling the length of processing (in %) was diminished for soft sausage by 38, for Polish sausage by 28, for small sausage by 33, for Cracow sausage by 34, hunters' sausage by 27, and Italian sausage by 45. The temperature for boiling pressed

Card 1/2

RUMANIA / Chemical Technology. Chemical Products and H-28
Their Applications. Food Industry.

Abs Jour: Ref Zhur-Khimiya, No 3, 1959, 10062.

Abstract: sausage is decreased from 90 to 80° for the same
time period. The weight losses in steam boiling
were decreased by 60% in pressed ham. Loading
and unloading of a batch can be done at one time,
while the products show the same degree of thor-
ough cooking throughout. Organoleptic indices
of steam-boiled products are higher than of those
boiled in water.

Card 2/2

221

Country : ROMANIA
 Category : Chemical Technology. Chemical Products (Part 3).
 Food Industry
 Abstr. Jour. : Ref Zhur-Khim, 1959, No 7, 25344
 Author : Ciobanu, H.
 Institut. :
 Title : Production of Mayonnaise in Rumania
 Orig. Pub. : Rev. ind. aliment. prod. vegetale, 1958, No 3,
 17-19
 Abstract : No abstract.

Card: 1/1

11-135

COUNTRY : ROMANIA
 CATEGORY : Chemical Technology. Chemical Products and Their Applications. Food Industry.
 ABS. JOUR. : RZhKhim., No 17, 1959, No. 62834
 AUTHOR : Ciobanu, N.
 INSTITUTE : -
 TITLE : Simplification and Standardization of Analysis Methods Employed in the Meat Industry.
 ORIG. PUB. : Standardizarea, 1959, 11, No 4, 40-42

ABSTRACT : The necessity of the replacement of several standard methods of analyzing meat products is indicated. Some of these methods became antiquated or require considerable time in their application. The use of new and of more rapid methods is recommended. In particular, the Soxhlet's method for the determination of fats should be replaced by the Gerber's method. The determination of water content should be conducted by drying a sample for one hour at 150° or refractometrically (15 minutes), in the determination of peroxide number

Card: 1/2

CIOBANU, Nadejda, ing.; IONITA, Coca

Research on the acceleration of meat maturation in the process of sausage manufacture. Ind alim anim 11 no.2:41-45 F"63

1. Ministerul Comerțului Exterior (for Ciobanu). 2. Institutul de cercetari alimentare (for Ionita).

EXCERPTA MEDICA Sec.9 Vol.12/2 Surgery Feb 1958
C. IOBANU, ST.

1227. NEW PROBLEMS IN THE SURGERY OF LIVER RESECTION - Probleme noi in chirurgia de exereză a ficatului - Ciobanu St., Lab de Anat. Topograf. și Chir. Oper. a Inst. de Med., Timișoara - CHIRURGIA (București) 1956. 5/2 (163-174) Ilus. 2

Today experimental and anatomical reasons justify resections removing up to 70% of the liver, which can be done without provoking hepatic insufficiency. This is a well documented study of the topographical anatomy of the liver and especially of the intrahepatic elements: the arteries, veins and bile ducts, a knowledge of which in 80% of the cases eases the problems of systematic resection of the liver. On this anatomical foundation it is possible to divide the liver into 2 distinct territories: the left liver and the right liver, separated by the main fissure, which runs through the bed of the gallbladder, the bifurcation of the portal vein, the caudate lobe and the left side of the inferior vena cava. The indications for systematic resections have been defined at the recent international surgical congress: malignant tumours, benign tumours, various cysts, wounds, chronic suppurations, post-traumatic haemorrhages, congenital malformations, etc. Important technical details accompany each chapter on the various systematic resections. An up-to-date bibliography ends the article.

Theodorescu - Constanța

EXCERPTA MEDICA, Sec.9 Vol.12/2 Surgery Feb 1958

CIOBANU, ST.

1224. THE INTRAHEPATIC BILE-DUCTS (SITUATION AND TOPOGRAPHY) -

Căile biliare intrahepatice (dispoziție și topografie) - Ciobanu St.

Lab de Anat. Topograf. și Chir. Operatorie a Inst. de Med. Timișoara. -

CHIRURGIA (București) 1956, 5/5 (763-774) Ilus. 16

The intrahepatic bile ducts were studied in 100 anatomical specimens, 55 of which were examined radiologically and in 100 casts obtained by maceration after injection of the fresh pieces with a celluloidin solution. The bile ducts are described in relation to the division of the liver into areas, according to the distribution of the portal vein. The bile ducts accompany in general the ramifications of the portal vein, but have as their starting point the area of the terminal portions of the ramifications of the portal vein (periphery of the liver).

RUMANIA / Human and Animal Morphology (Normal and Pathological). S
Digestive System.

Abs Jour : Ref Zhur - Biologiya, No 9, 1958, No. 40728

Author : Ciobanu, St.

Inst : Not given

Title : Porta of the Liver. Anatomical Investigations

Orig Pub : Chirurgia, 1956, 6, No 3, 434-447

Abstract : The relief of the porta, its relation with some fissures of the liver, the distribution of Glisson's capsule at the level of the porta, and the relation between the porta, the biliary duct and the vascular system of the liver were studied on 200 preparations of the liver (150 in this number corroded).

Card 1/1

CIOBANU, St.

SURNAME, Given Names

Country: Rumania

Academic Degrees: -not given-

Affiliation: *)

Source: Timisoara, Timisoara Medicala, Vol VI, No 1, Jan-Jun 1961, pp 39-52.

Data: "Contributions to the Treatment of Hepatic Hydatid^d Cysts."

*) Work performed at Surgical Clinic No I (Clinica I-a Chirurgicale),
Timisoara.

GPO 751643

GIOBANU, St.; BUTNARU, M.; STREIANU, C.

Contributions to the technique of intrahepatic biliary digestive
anastomosis (personal technique). Rumanian M Rev. no.4:64-68 O-D '60.
(BILIARY TRACT surgery) (GASTROINTESTINAL SYSTEM surgery)

MOCIORNITA, C.; ANASTASIU, S.; GIOBANU, S.; DINCA, A.; SANDULESCU, N.

Considerations on the most suitable periods for calculating the
medium flow in Rumania. Studii hidrol 2:27-45 '62.

DIACONU, Constantin; AVADANEI, Ana; CIOBANU, Silvia; MOTEA, Ioan;
STANESCU, Silviu

On the stability of Rumanian river beds during the last 30-40 years.
Studii hidrol 3:53-66 '62.

STANESCU, S.; VIRCOL, A.; BIRTU, E.; TETEL, E.; VIRCOL, L.; MARCULESCU, I.;
CUTE, E.; AVADANEI, A.; BURCIU, O.; CIGBANU, S.; ILIE, E.; MOTEA, I.

Hydrographic basin of the Mures River; a hydrologic monograph.
Studii hidrol 6:3-273 '63.

CRACIUN, Ioan, ing.; FILESCU, Nicolae; CIOBANU, Traian

Possibilities of liquidation of supernorm stocks. Probleme econ
17 no.5:162 My '64.

1. Commercial Director, the "Steagul Rosu" Plant, Brasov (for Craciun).
2. Head of Department of Supply, the "Steagul Rosu" Plant, Brasov (for Filescu).
3. Head of the Planning Section, "Steagul Rosu" Plant, Brasov (for Ciobanu).

L 64943-65 EWP(1)/EWP(t)/EWP(b) JD

ACCESSION NR: AP5023543

RU/0018/64/000/011/0626/0629

AUTHOR: Lascu-Simion, Lucia Globanu, Traian

TITLE: Technical and economic efficiency of metallization by spraying

SOURCE: Constructia de masini, no. 11, 1964, 626-629

TOPIC TAGS: metal coating, production engineering, economics

ABSTRACT: The technical and economic importance of metallization by spraying is emphasized, and the favorable experience of several countries with the use of this method are cited as a factor in favor of its extension in Rumania. Orig. Art. Incl.: 1 figure and 1 graph.

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: IE, GO

NR REF SOV: 000

OTHER: 000

JPRS

1/1 MB

KREISEL, M., dr.; CIOBANU, T., dr.

Considerations on a case of malignant pheochromocytoma in a child. *Pediatrics* (Bucur.) 13 no.5:459-463 S-7 '64

1. Lucrare efectuata in Sectia de pediatrie a Spitalului din Suceava.

RUMANIA / Chemical Technology. Artificial and Synthetic Fibers. H-32

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79812.

Author : ~~Ciobanu, V.~~

Inst : Not given.

Title : The Preparation of Rolan Fibers From Polyacrylonitrils.

Orig Pub: Tecn. noua, 1958, 5, No 151, 3.

Abstract: The major advantages and shortcomings of polyacrylonitrile fibers are listed. A technological process for the preparation of Rolan fibers is described, as well as the basic parameters for weaving according to the wet method: a concentration in dimethylformamide or 15-19%, a filtration — not less than twice, removal of air — not less than 8 hours, spinneret extract

Card 1/2

101

RUMANIA / Chemical Technology. Artificial and Synthetic Fibers. H-32

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 79812.

Abstract: 20%, the temperature for the precipitation bath 100-120°C (glycerin), the concentration of dimethylformamide in the precipitation bath 10-20%, the path of the thread in the bath — 60-80 cm., a weaving speed of 5 meters/minute, temperature of the plasticizing bath 140-160°C., path of the thread — 40-60 cm., rate of extrusion of 25-50 meters/minute, multiple of the extrusion 1:5 — 1:10, fixation of 15 minutes at 90-95°C.

Card 2/2

LUPU, N. Gh., academician; BALACEANU, Mariana; CIOBANU, V.; STAN, M.

Investigations of the joint changes appearing in chronic thyroiditis. Stud. cercet. endocr. 14 no.4/5/6:585-592 '63.

†

CIOBANU, V.; COLTOIU, A.; GEORGESCU, Carmen; POPESCU, E.

Dermatomyositis and cancer (apropos. of 2 clinical cases).
Stud cercet. med. intern. 4 no. 6: 817-825 '63

*

IOTA, C.G.; CIOBANU, V.; PAPAIZIAN, Ripsimia; SIGHETEA, Elena; STROIESCU, I.

Investigations concerning several neuromuscular and peripheral vascular disorders in chronic evolutive polyarthritis. Stud. cercet. med. intern. 3 no.6:729-739 '62.

(ARTHRITIS, RHEUMATOID) (VASCULAR DISEASES)
(VASOMOTOR SYSTEM) (MYONEURAL JUNCTION) (AUTONOMIC DYSFUNCTION)
(HYPOTENSION)

STOICHITA, Mihaela; CIOBANU, V.; TEICAN-GHEORGHIU, Maria; VLADESCU, C.

Studies on the interpretation of the interrelationships between fibrinogen and polysaccharides in some pathological states. III. Studies of the interrelationships between fibrinogen and plasmatic glycoproteins in rheumatic diseases. Stud. cercet.med. intern. 4 no.1:97-106 '63.

(FIBRINOGEN)	(POLYSACCHARIDES)	(GLYCOPROTEINS)
(BLOOD PROTEINS)	(PLASMA)	(RHEUMATISM)
	(HEXOSES)	(HEXOSAMINES)

ZAMFIR, C.; GIORBANU, V.

Study of rheumatismal cellulomyositis. Probl. reumat., Bucur. Vol
II.:9-24 1954,

(MYOSITIS
cellulomyositis, rheum.)
(CELLULITIS
cellulomyositis, rheum.)
(RHEUMATISM, compl.
cellulitis, pathol.)

ZAMFIR, C.,; CIORANU, V.

Study of the importance of administration of sodium salicylate in acute myocardial lesions appearing during attacks of specific cardio-articular rheumatism. Probl. reumat., Bucur. Vol. II.:97-101 1954.

(RHEUMATISM, ther.

sodium salicylate, value in prev. & ther. of myocardial lesions)

(SALICYLATES, ther. use

myocardial lesions in cardio-articular rheum.)

(MYOCARDIUM, dis.

lesions in cardio-articular rheum., ther., sodium salicylate)

ZAMFIR, C.; TURCU, E.; MARINESCU, B.; CIOBANU, V.; DOGENAU, V.

Study of chloremia and chloruria in specific cardio-articular rheumatism. Probl. reumat., Bucur. 3:225-238 1955.

(RHEUMATIC FEVER, metabolism in
chlorides, determ. in blood & urine.)

(CHLORIDES, metabolism
in rheum. fever & rheum. heart dis.)

(RHEUMATIC HEART DISEASE, metabolism in
chlorides, determ. in blood & urine.)